

**FACSIMILE COVER SHEET**

Jay M. Brown  
THE LAW OFFICE OF JAY M. BROWN  
6409 Fayetteville Rd., Suite 120-306  
Durham, North Carolina 27713 USA

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Facsimile: (919) 651-0211  
Email: [jaybrownlaw@gmail.com](mailto:jaybrownlaw@gmail.com)

**ATTENTION: MONICA**

Office of Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FAX RECEIVED****FEB 15 2011****OFFICE OF PETITIONS**

FAX NO: 571-273-0025

DATE: February 15, 2011

TOTAL PAGES INCLUDING COVER: 15 pages

APPLICANT: Zhenan Bao

DOCKET NO.: LU05018USU

U.S. PATENT NO.: 7,122,828

ISSUED: October 17, 2006

SERIAL NO.: 10/671,303

GROUP ART UNIT: 2891

DATE FILED: September 24, 2003

EXAMINER: Bradley K. Smith


CONFIRMATION NO.: 3133

TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND  
LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

Dear Monica:

Attached, as we discussed last Friday 2/11/11, is an informal copy of my resubmission of the Petition in this case, which I formally filed by facsimile at the Central Fax Number yesterday, 2/14/11. Thank you for your help.

Very truly yours,

  
Jay M. Brown

---

*The contents of this fax transmission are confidential and may be attorney-client communications and/or work product and intended solely to be received by the person identified below. If you are not the intended recipient of this fax, you should immediately contact the office of the sender. The contents of the fax must not be disseminated, nor viewed by anyone other than the intended party.*

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Facsimile: (919) 651-0211  
Email: [jaybrownlaw@gmail.com](mailto:jaybrownlaw@gmail.com)

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this document, and any documents being referred to as attached or enclosed, is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 571-273-8300 on the date set forth below.

Signed: 

Name: Jay M. Brown

Date: 2/14/2011

TO: **MAIL STOP PETITION -****PLEASE FORWARD TO THE OFFICE OF PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FAX NO: 571-273-8300

DATE: February 14, 2011

TOTAL PAGES INCLUDING COVER: 13 pages

APPLICANT: Zhenan Bao

U.S. PATENT NO.: 7,122,828

SERIAL NO.: 10/671,303

DATE FILED: September 24, 2003

CONFIRMATION NO.: 3133

DOCKET NO.: LU05018USU

ISSUED: October 17, 2006

GROUP ART UNIT: 2891

EXAMINER: Bradley K. Smith

TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND  
LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

- 1) Resubmission of Petition (2 pgs.);
- 2) Facsimile Cover Sheet and Auto-Reply Facsimile Transmission dated 11/19/10 (2 pgs.);
- 3) Transmittal Form dated 11/19/10 (PTO/SB/21; 1 pg.);
- 4) Petition to Accept Unintentionally Delayed Maintenance Fee Payment dated 11/19/10 (PTO/SB/66; 3 pgs.);
- 5) Power of Attorney from co-assignee Lucent Technologies (PTO/SB/80; 1 pg.);
- 6) Power of Attorney from co-assignee E.I. du Pont de Nemours (PTO/SB/81A; 1 pg.); and
- 7) Statements Under 37 C.F.R. 3.73(b) dated 11/19/10 (PTO/SB/96, from each co-assignee; 2 pgs.).

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PATENT  
Docket No: LU05018USU  
Serial No.: 10/671,303

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Zhenan Bao

DOCKET NO.: LU05018USU

U.S. PATENT NO.: 7,122,828

ISSUED: October 17, 2006

SERIAL NO.: 10/671,303

GROUP ART UNIT: 2891

DATE FILED: September 24, 2003

EXAMINER: Bradley K. Smith

CONFIRMATION NO.: 3133

TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND  
LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

Date: February 14, 2011

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this document, and any documents being referred to as attached or enclosed, is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 571-273-8300 on the date set forth below.

Signed: 

Name: Jay M. Brown

Date: 2/14/2011

**Mail Stop Petition – OFFICE OF PETITIONS**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**Resubmission Of Petition**  
**to Accept Unintentionally Delayed Maintenance Fee Payment**

The attached Petition to Accept Unintentionally Delayed Maintenance Fee Payment (PTO/SB/66), together with all of the documents listed in the attached Transmittal Form (PTO/SB/21), being dated November 19, 2010 and executed by the undersigned, were duly filed on that date by facsimile at the USPTO Central Fax Number (571) 273-8300. A credit card payment of \$2,620 for the applicable petition fees was also included (PTO-2038); and that credit card payment was processed and paid in full on November 26, 2010. Also attached is a copy of

Docket No.: LU05018USU  
Serial No.: 10/671,303  
February 14, 2011

the Auto-Reply Facsimile Transmission which is dated November 19, 2010 and confirms the receipt of 10 document pages including the Facsimile Cover Sheet.

Counsel for the co-assignees telephoned the Office of Petitions on Friday, February 11, 2011, to inquire as to the status of the attached Petition. The Office of Petitions advised the undersigned that the attached Petition has not been scanned into the USPTO electronic database systems or forwarded to the Office of Petitions.

The co-assignees respectfully request that the attached Petition and accompanying documents now be promptly so scanned and forwarded to the Office of Petitions for processing on an expedited basis. If there are any questions regarding this resubmission of the attached Petition, please contact the undersigned directly by telephone.

Respectfully submitted,

THE LAW OFFICE OF JAY M. BROWN

Date: February 14, 2011

By: 

Jay M. Brown

Registration No. 30,033

Counsel for Co-assignees

**The Law Office of Jay M. Brown**

6409 Fayetteville Rd., Ste. 120-306

Durham, North Carolina 27713

Phone: (919) 522-0312

Fax: (919) 651-0211

Customer No. 51029

**FACSIMILE COVER SHEET**

Jay M. Brown  
THE LAW OFFICE OF JAY M. BROWN  
6409 Fayetteville Rd., Suite 120-306  
Durham, North Carolina 27713  
United States  
Telephone: (919) 522-0312  
Facsimile: (919) 651-0211  
Email: [jaybrownlaw@gmail.com](mailto:jaybrownlaw@gmail.com)

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this document, and any documents being referred to as attached or enclosed, is being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 571-273-8300, as indicated forth below.

Signed: 

Name: Jay M. Brown

Date: 11/19/2010

TO: **MAIL STOP PETITION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FAX NO: 571-273-8300

DATE: November 19, 2010

TOTAL PAGES INCLUDING COVER: 10 pages

APPLICANT: Zhenan Bao

U.S. PATENT NO.: 7,122,828

SERIAL NO.: 10/671,303

DATE FILED: September 24, 2003

CONFIRMATION NO.: 3133

DOCKET NO.: LU05018USU

ISSUED: October 17, 2006

GROUP ART UNIT: 2891

EXAMINER: Bradley K. Smith

**TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME**

- 1) Transmittal Form (PTO/SB/21; 1 pg.);
- 2) Petition to Accept Unintentionally Delayed Maintenance Fee Payment (PTO/SB/66; 3 pgs.);
- 3) Power of Attorney from co-assignee Lucent Technologies (PTO/SB/80; 1 pg.);
- 4) Power of Attorney from co-assignee E.I. du Pont de Nemours (PTO/SB/81A; 1 pg.);
- 5) Statement Under 37 C.F.R. 3.73(b) (PTO/SB/96, from each co-assignee; 2 pgs.); and
- 6) Credit Card Payment Form for \$2,620 (PTO-2038; 1 pg.).

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11/19/2010 5:28:15 PM FAX 1/001 FAX Server

TO: Auto-reply fax to 91965 111 COMPANY:

## Auto-Reply Facsimile Transmission



TO:

Fax Sender at 9196510211

Fax Information

Date Received:

11/19/2010 5:28:15 PM [Eastern Standard Time]

Total Pages:

10 (including cover page)

**ADVISORY:** This is an automatically generated return receipt confirmation of the facsimile transmission received by the Office. Please check to make sure that the number of pages listed as received in Total Pages above matches what was intended to be sent. Applicants are advised to retain this receipt in the unlikely event that proof of this facsimile transmission is necessary. Applicants are also advised to use the certificate of facsimile transmission procedures set forth in 37 CFR 1.8(a) and (b), 37 CFR 1.6(f). Trademark Applicants, also see the Trademark Manual of Examining Procedure (TMPE) section 306 et seq.

Received  
Cover  
Page

=====&gt;

11/19/2010 17:22	9196510211	LAWOFFICEJAYBROWN	PAGE 01
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**FACSIMILE COVER SHEET**

Jay M. Brown  
 THE LAW OFFICE OF JAY M. BROWN  
 6405 Fayetteville Rd., Suite 120-306  
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 Email: jaybrownlaw@gmail.com

I hereby certify that this document, and any documents being referred to as disclosed or referred, is being transmitted to the United States Patent and Trademark Office, Fax No. 571-273-8300 on the date and for the purpose indicated below.

Sent: *[Signature]* To: *[Signature]* From: *[Signature]*

TO: **MAIL STOP PETITION**  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

FAX NO: 571-273-8300  
 DATE: November 19, 2010  
 TOTAL PAGES INCLUDING COVER: 10 pages

APPLICANT: Zhenan Bao  
 U.S. PATENT NO.: 7,122,828  
 SERIAL NO.: 10/871,303  
 DATE FILED: September 24, 2003  
 CONFIRMATION NO.: 3133

DOCKET NO.: LU05018USU  
 ISSUED: October 17, 2006  
 GROUP ART UNIT: 2891  
 EXAMINER: Bradley K. Smith

TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

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4) Power of Attorney from co-assignee E.I. du Pont de Nemours (PTO/SB/81A; 1 pg.);

5) Statement Under 37 C.F.R. 3.73(b) (PTO/SB/56, from each co-assignee; 2 pgs.); and

6) Credit Card Payment Form for \$2,620 (PTO-2038; 1 pg.).

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PAGE 101 RCV'D AT 11/19/2010 17:28:15 PM [Eastern Standard Time] 571-273-8300 FAX 571-273-8300 9196510211 02/15/2011 09:52

Doc Code: TRAN.LET

Document Description: Transmittal Letter

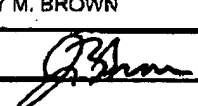
PTO/SB/21 (07-09)

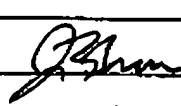
Approved for use through 07/31/2012, OMB 0651-0031  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/671,303 (U.S. Patent No. 7,122,828)
	Filing Date	9/24/2003
	First Named Inventor	Zhenan Bao
	Art Unit	2891
	Examiner Name	Bradley Smith
Total Number of Pages in This Submission	Attorney Docket Number	LU05018USU

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): - PTO/SB/66 petition - PTO/SB/80 (Lucent Technologies) - PTO/SB/81A (du Pont) - PTO/SB/96 (for each of 2 assignees) - PTO-2038 (\$2,620)
Remarks PTO-2038: \$980 for 3.5-year maintenance fee; and \$1,640 for surcharge under 37 C.F.R. 1.20(l) (2).		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	LAW OFFICE OF JAY M. BROWN		
Signature			
Printed name	JAY M. BROWN		
Date	November 9, 2010	Reg. No.	30,033

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	JAY M. BROWN	Date	November 19, 2010

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to require 10 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/88 (03-09)

Approved for use through 03/31/2012. OMB 0651-0016  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF  
MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378 (c))**

Docket Number (Optional)

LU05018USU

Mail to: Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Fax: (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

Patent No. 7,122,828Application Number 10/671,303Issue Date 10/17/2006Filing Date 09/24/2003

**CAUTION:** Maintenance fee (and surcharge, if any) payment must correctly identify: (1) the patent number (or reissue patent number, if a reissue) and (2) the application number of the actual U.S. application (or reissue application) leading to issuance of that patent to ensure the fee(s) is/are associated with the correct patent. 37 CFR 1.366(c) and (d).

**Also complete the following information, if applicable**

The above - identified patent

☐

is a reissue of original Patent No. \_\_\_\_\_ original issue date \_\_\_\_\_

original application number. \_\_\_\_\_

original filing date \_\_\_\_\_

☐

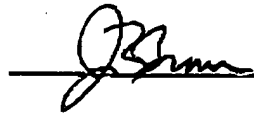
resulted from the entry into the U.S. under 35 U.S.C. 371 of international application \_\_\_\_\_

filed on \_\_\_\_\_

**CERTIFICATE OF MAILING (37 CFR 1.89(a))**

I hereby certify that this paper (\*along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

November 9, 2011



Signature

Jay M. Brown

Typed or Printed Name of Person Signing Certificate

[page 1 of 3]

This collection of information is required by 37 CFR 1.378(c). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

If you need assistance in completing the form, call 1-800-PTO-8199 and select option 2.



PTO/SB/68 (03-09)

Approved for use through 03/31/2012. OMB 0651-0016  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## 1. SMALL ENTITY

☐ Patentee claims, or has previously claimed, small entity status. See 37 CFR 1.27.

## 2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS

☐ Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g)

## 3. MAINTENANCE FEE (37 CFR 1.20(e)-(g))

The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier.

NOT Small Entity			Small Entity		
Amount	Fee	(Code)	Amount	Fee	(Code)
<input checked="" type="checkbox"/> \$ 980	3 ½ yr fee	(1551)	<input type="checkbox"/> \$	3 ½ yr fee	(2551)
<input type="checkbox"/> \$	7 ½ yr fee	(1552)	<input type="checkbox"/> \$	7 ½ yr fee	(2552)
<input type="checkbox"/> \$	11 ½ yr fee	(1553)	<input type="checkbox"/> \$	11 ½ yr fee	(2553)

MAINTENANCE FEE BEING SUBMITTED \$ 980

## 4. SURCHARGE

The surcharge required by 37 CFR 1.20(i)(2) of \$ 1,640 (Fee Code 1558) must be paid as a condition of accepting unintentionally delayed payment of a maintenance fee.

SURCHARGE FEE BEING SUBMITTED \$ 1,640

## 5. MANNER OF PAYMENT

☐ Enclosed is a check for the sum of \$☐ Please charge Deposit Account No. the sum of \$☒ Payment by credit card. Form PTO-2038 is attached.

## 6. AUTHORIZATION TO CHARGE ANY FEE DEFICIENCY

☐ The Director is hereby authorized to charge any maintenance fee, surcharge or petition deficiency to Deposit Account No.

(Page 2 of 3)

PTO/BB/88 (03-09)

Approved for use through 03/31/2012. OMB 0851-0018  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## 7. OVERPAYMENT

As to any overpayment made please

OR

☐

Credit to Deposit Account No. \_\_\_\_\_

☐

Send refund check


## WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

## 8. STATEMENT

The delay in payment of the maintenance fee to this patent was unintentional.

## 9. PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED

  
\_\_\_\_\_  
Signature(s) of Petitioner(s)

Jay M. Brown (Rule 34)

Typed or printed name(s)

(919) 522-0312

Telephone Number

November 10, 2010

Date

30,033

Registration Number, if applicable

The Law Office of Jay M. Brown

Address

8409 Fayetteville Rd., Ste. 120-306, Durham, North Carolina 27713

Address

37 CFR 1.378(d) states: "Any petition under this section must be signed by an attorney or agent registered to practice before the Patent and Trademark Office, or by the patentee, the assignee, or other party in interest."

## ENCLOSURES

☒

Maintenance Fee Payment

☒

Surcharge under 37 CFR 1.20(l)(2) (fee for filing the maintenance fee petition)

☐

(Page 3 of 3)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 12/31/2008. OMB 0651-0035  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

51029

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used).

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

51029

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Email		

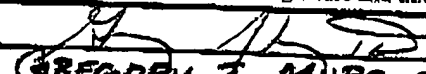
Assignee Name and Address:

LUCENT TECHNOLOGIES INC.  
600 MOUNTAIN AVENUE  
MURRAY HILL, NEW JERSEY 07974-0636

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SE/98 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	1/31/2008
Name	GREGORY F. MURGIA	Telephone	908 582-7109
Title	CORPORATE COUNSEL		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

PTO/SB/81A (12-08)

Approved for use through 11/30/2011. OMB 0851-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS</b>	Patent Number	7,122,828
	Issue Date	10/17/2006
	First Named Inventor	Zhenan Bao
	Title	Semiconductor Devices
	Attorney Docket Number	LU05018US

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I hereby revoke all previous powers of attorney given in the above-identified patent. **FEB 15 2011**

☐ A Power of Attorney is submitted herewith.

OR

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OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s) with respect to the patent identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

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I am the:

☐ Inventor, having ownership of the patent.

OR

☒ Patent owner.

Statement under 37 CFR 3.73(b) (Form PTO/SB/96) submitted herewith or filed on \_\_\_\_\_

## SIGNATURE of Inventor or Patent Owner

Signature	/Gall D. Tanzer/	Date	April 8, 2009
Name	Gall D. Tanzer	Telephone	302-992-4947
Title and Company	Senior Counsel, E.I. du Pont de Nemours and Company		

NOTE: Signatures of all the inventors or patent owners of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: **LUCENT TECHNOLOGIES, INC.**Application No./Patent No.: **7,122,828**Filed/Issue Date: **10/17/2006**Titled: **SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME****LUCENT TECHNOLOGIES, INC.**

a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest in;
2. ☒ an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is 50 %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)
- the patent application/patent identified above, by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015001, Frame 0264, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

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The document was recorded in the United States Patent and Trademark Office at  
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☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Jay M. Brown

Printed or Typed Name

November 8, 2010

Counsel for assignees

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: E.I. du Pont de Nemours and CompanyApplication No./Patent No.: 7,122,828Filed/Issue Date: 10/17/2006Titled: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

E.I. du Pont de Nemours and Company, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

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1. ☐ the assignee of the entire right, title, and interest in;
2. ☒ an assignee of less than the entire right, title, and interest in  
(The extent (by percentage) of its ownership interest is 50 %); or
3. ☐ the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made) the patent application/patent identified above, by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 015001, Frame 0260, or for which a copy therefore is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

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☐ Additional documents in the chain of title are listed on a supplemental sheet(s).

☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Jay M. Brown

Printed or Typed Name

November 19, 2010

Date

Counsel for assignees

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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TOTAL PAGES INCLUDING COVER: 13 pages

APPLICANT: Zhenon Bao	DOCKET NO.: LU06018US1
U.S. PATENT NO.: 7,122,828	ISSUED: October 17, 2006
SERIAL NO.: 10/671,303	GROUP ART UNIT: 2891
DATE FILED: September 24, 2003	EXAMINER: Bradley K. Smith
CONFIRMATION NO.: 3133	

TITLE: SEMICONDUCTOR DEVICES HAVING REGIONS OF INDUCED HIGH AND LOW CONDUCTIVITY, AND METHODS OF MAKING THE SAME

1) Resubmission of Petition (2 pgs.); 2) Facsimile Cover Sheet and Auto-Reply Facsimile Transmission dated 11/19/10 (2 pgs.); 3) Transmittal Form dated 11/19/10 (PTO/SB/21; 1 pg.); 4) Petition to Accept Unintentionally Delayed Maintenance Fee Payment dated 11/19/10 (PTO/SB/65; 3 pgs.); 5) Power of Attorney from co-assignee Lucant Technologies (PTO/SB/80; 1 pg.); 6) Power of Attorney from co-assignee E.I. du Pont de Nemours (PTO/SB/81A; 1 pg.); and 7) Statements Under 37 C.F.R. 3.73(h) dated 11/19/10 (PTO/SB/96, from each co-assignee; 2 pgs.).
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